

San Diego Area MISAC Minutes
July 8, 2010
Encina Wastewater Authority
6200 Avenida Encinas
Carlsbad, California 92011

Meeting started at 9:15 a.m. and adjourned at ~ 12:30 p.m.

The following members were in attendance: Garry Parker, Encina Wastewater (host); David Ummel, Encina Wastewater; James Harris, Encina Wastewater; Brian Lewton, City of Coronado; Jeff Ehrman, Santa Fe Irrigation District; Emily Bernardo, City of Del Mar; Teri Callahan, Vista Irrigation District; Bill Jenkins, Otay Water District; Mark Matheson, City of Solana Beach; Saide Emamjomeh, City of San Marcos; Brad Rosen, City of Poway; Karla Fisher, Vallecitos Water District; Brian Croom, Padre Dam MWD; Kevin Kasner, Sweetwater Authority; Ando Pilve, Valley Center MWD.

Agenda and Meeting Minutes:

1. Google Apps Presentation, - Jenya Denissova, Enterprise Sales Rep
jenyad@google.com

Presentation provided an overview of Google Apps which is a cloud based service hosted by Google that includes messaging and collaboration tools. Messaging includes Gmail, Talk (instant messaging w/ video or text), and calendar tools. Collaboration includes Google Docs, Sites and Video. Gmail includes 25 GB of storage per mailbox. Resource mailboxes are no extra charge. Google Apps can be accessed from any device (“platform agnostic”). The back end runs on Google servers on hardened custom Linux stack. According to the presenter, Google is fourth largest server manufacturer in the world.

City of Los Angeles pricing is offered to California government agencies at \$37.50 per user/ year. Regular pricing is \$50 per user/year. Email archiving (Postini) is \$13 per user for one year or \$33 per user/year for 10 years and unlimited storage. Email filtering is offered at \$12 per user/year with a 100% SLA against viruses. The filtering and archiving service can be used with Exchange.

Google Docs allows for real time collaboration. Forms can be routed for data collection and Google docs will auto populate the data into a spreadsheet. Google script allows for custom workflows and document routing. Google Sites is comparable to “Sharepoint light” and can be used for external and internal sites. Panama City, Florida is using for public website. www.pcgov.org

Government customers include City of Los Angeles, City of Orlando, and District of Columbia (30,000 users).

Google has tools available to migrate Exchange data to Google Apps. The administrator can select what applications to offer and disable via group permissions. Google Docs does not allow for offline caching as the platform is being migrated to HTML 5; however, offline caching will be offered in a future release. Gmail can work offline.

Unified Messaging Integration – Gmail can receive voicemail attachments in email but no current integration with Cisco Unified Communications. Third party vendors are developing applications for unified messaging integration.

Bandwidth Impact – according to the presenter, bandwidth impacts are “minimal.” City of Los Angeles was one of the only agencies that increased bandwidth but the decision was made independently of the Google deployment. The City had already planned on increasing bandwidth before Google Apps was deployed.

Service and Support – Service level agreement for 99.9% uptime. 24/7 call center. Data Centers are located all over the world. Enterprise customers may have back up site in another country; government customers are stored in United States only.

2. Cisco Wireless Presentation – Ken Cunningham, Mobility Product Specialist (Cisco), Tony Parker, Mobility Consulting Engineer, Ron Koning, AT&T.

Cisco provided an overview of new wireless technologies built into the latest 802.11n Cisco Access Points (indoor/outdoor) and wireless controllers. The 802.11n standard offers improved bandwidth, scale, and quality for wireless networks. New technologies built into the Access points include ClientLink, CleanAir, and VideoStream. ClientLink (beamforming) improves throughput and coverage even for a/b/g devices. CleanAir technology provides spectrum intelligence and improves network reliability. CleanAir provides a graphical representation of devices that are causing interference and provides seamless mitigation (self healing), forensics, policy enforcement, and wireless security. VideoStream enables business video over wireless networks.

Product overview:

Ruggedized Access Points (indoor) – 1240; 1260; 3500e (new)

For “Carpeted” indoor environments – 1130 (a,b,g); 1140 (a,b,g,n); 3500i (new) MSRP \$1295

Outdoor Mesh APs – 1524 with dual radio and NEMA 4x certified enclosure;
1522; 1524 SB; 1524 PS (public safety)

Wireless Controller: 5508 controller can manage 12 to 1500 APs. Devices can be added to the network by simply adding additional licenses. The Wireless Central Management System (WCS) can manage both indoor and outdoor networks. The Root Access Point (RAP) acts as the gateway between indoor and outdoor wireless networks.

Guest Access Solutions: Guests can authenticate via a splash page. EoIP tunnels can isolate guest traffic to one controller. Controller can be in DMZ and separate from

S.D. Area MISAC Minutes – 07/08/2010

production controller or guest access can reside on the production controller and segmented using ACLs and v-lans. Guest access can run on any controller.